

11. (Amended) A DNA molecule comprising a nucleotide sequence complementary to all or part of the nucleotide sequence of the DNA molecule as claimed in [any of claims 1 to 3] claim 1, wherein the enzyme activities of the plant cells can be inhibited when introduced into plant cells having said enzyme activities and is expressed.

12. (Amended) An RNA molecule comprising a nucleotide sequence complementary to all or part of the nucleotide sequence of the RNA molecule as claimed in [any of claims 4 to 6] claim 4, wherein the enzyme activities of the plant cells can be inhibited when introduced into plant cells having said enzyme activities and is expressed.

13. (Amended) A vector comprising a DNA molecule or an RNA molecule as claimed in [any of claims 1 to 6 and claims 11 and 12] claim 1.

17. (Amended) A plant cell, plant tissue, or plant body as claimed in claim 16, wherein the vector [as claimed in claim 13 or 14] is introduced by infection.

18. (Amended) A method for producing a plant secondary metabolite comprising: using the plant cell, plant tissue, or plant body as claimed in claim 16 [or 17].

19. (Amended) A method for modifying a composition of the plant secondary metabolite comprising: using the plant cell, plant tissue, or plant body as claimed in claim 16 [or 17].

20. (Amended) A method for producing plant secondary metabolite comprising: culturing the plant cell or plant tissue as claimed in claim 16 [or 17]; and growing the plant body.

21. (Amended) A method for modifying a composition of the plant secondary metabolite comprising: culturing the plant cell or plant tissue, or growing plant body as claimed in claim 16 [or 17].

22. (Amended) The method as claimed in [any of claims 18 to 21] claim 18, wherein the plant secondary metabolite is at least one or more compounds selected from the group consisting of 7-methyl xanthine, paraxanthine, theobromine, and caffeine.

23. (Amended) A method as claimed in [any of claims 18 to 21] claim 18, wherein a transformed plant body is a Camellia plant, a Coffea plant, Cola plant, Ilex plant, Neea plant, Firmiana plant, Paullinia plant, or Therbroma plant body.

In claim 25, line 1, amend "25" to --24--.

REMARKS

By the present Preliminary Amendment, the multiple dependency that is improper under the rules of the United States Patent and Trademark Office have been eliminated. To the extent that the amended claims do not encompass all the permutations of the original